

SEQ. ID. No. 1

MCV Type 1 1 ATGAGGGCGGAGACGTCTTCGCGAGCGTTGTCTTGATGCTGTACTTGCACTACCG

( ORF 148R  
166,992 -167,303 )

58 CGACCGGGAGTGTCACTCGCGAGACGGAAATGTTGTTGAATCCACAAATCGTCCG

115 ATCCCGAATCCTTTACTGCAAGATCTATCAGCGTCGACTATCAGGCGATAGGACATGACTGC

178 GGACGGGAAGCTTTCAGAGTGACGCTGCAAGACGGAAGACAAAGGCTGCGTTAGCGTTGGTAAC

241 AAGAGCTTACTAGACTGGCTTCGGGGACACAAGGATCTCTGCCCTCAGATATGGTCCGGGTGC

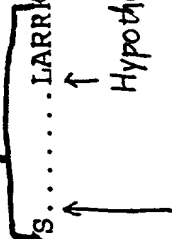
304 GAGTCTCTGTAA

Figure 1A

SEQ. ID. No. 2

MC148R1 Protein 1 MRGGDVVFASVVMLLL.ALPRPGVS.....LARRKCCCLNPTNRPIPNLLQDLRSV 50

Active  
Site



Hypothetical Receptor Binding Site

Absent chemokine activation Site

51 DYQAI GHDCGREAFRVTLQDGRQGCVS VGNKSLLDWLRGHKDLCPQIWSGCESL 104

Figure 1B

Seq. ID. No. 3

MCV Type 2 1 ATGAGGGCCAGAGCCGCTCTTCGGAGCGTGTGCTTTGACGCTGTACTTGCACTACCG

(ORF 148R  
166,992-167,303)

58 CGACCGGGAGTGTCACTCTCGAGACGGAAATGTTGTTGAATCCTACAAATCGTCCG

115 ATACCGAGGCCTTTACTGCAAGATCTAGACAAAGTCGATTATCAGCCGATGGGACATGACTGC

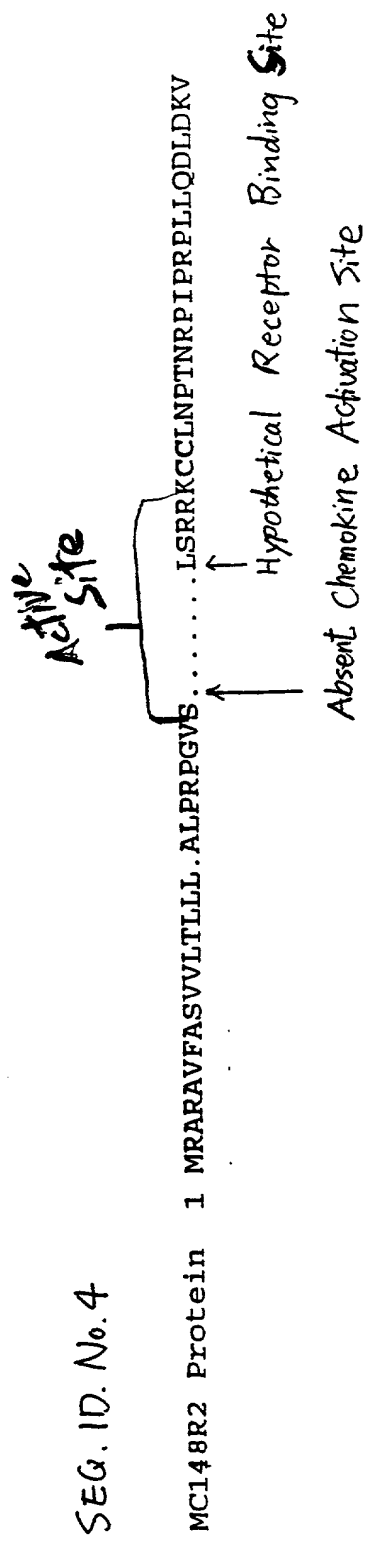
178 GGACGGGAAGCTTTCAGAGTGACGCTGCAAGACGGAAGACAAGGCTGTGTTAGCGTTGGTAAC

241 CAGAGTTACTAGACTGGCTGAAGGGACACAAGGATCTCTGCCCGGATGTGCCCCGGGTGC

304 GAGTCTCTGTAA

Figure 2 A

SEQ. ID. No. 4



51 DYQPMGHDCGREAFRVTIQDGRQGCVS VGNQSLLDWLKGHKDLCPRMWPGCESL 104

Figure 2B

Figure 3

SEQ. ID. No. 5

MCV 148R from Index Case shown for nucleotides 20 to 312,  
reading in direction from 5' to 3'

21	CGCGAGCGTTGTCTTGATGCTGTTACTTGCACTACCGCGA	60
61	CCGGGAGTGTCACTCGCGAGACGGAAATGTTGTTTGAATC	100
101	CCACAAATCGTCCGATCCCGAATCCTTTACTGCAAGATCT	140
141	ATCACGCGTCGACTATCAGGCGATAGGACATGACTGCGGA	180
181	CGGGAAGCTTTCAGAGTGACGCTGCAAGACGGAAGACAAG	220
221	GCTGCGTTAGCGTTGGTAACAAGAGCTTACTAGACTGGCT	260
261	TCGGGGACACAAGGATCTCTGCCCTCAGATATGGTCCGGG	300
301	TGCGAGTCTCTG	

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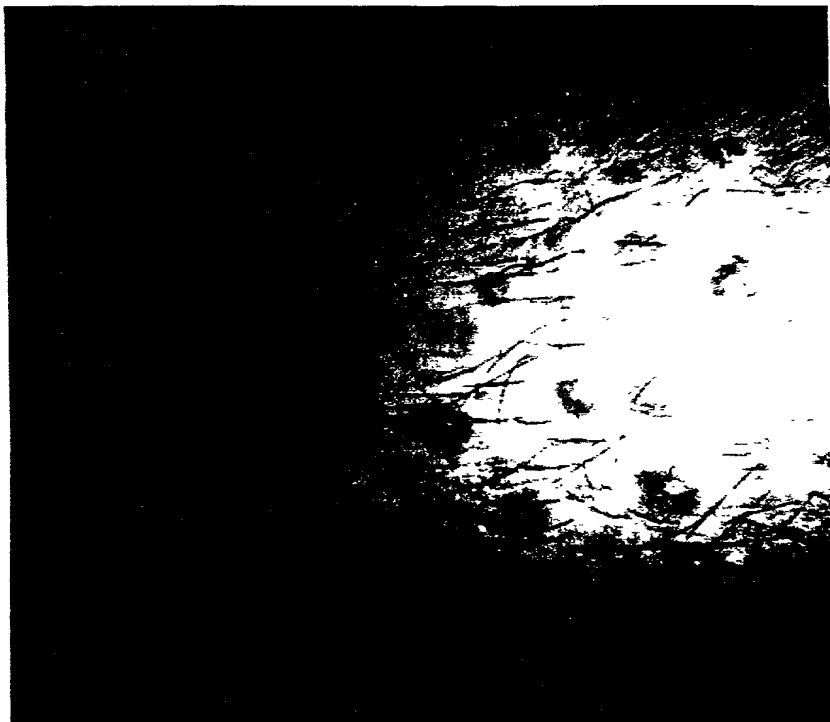


FIGURE 4A

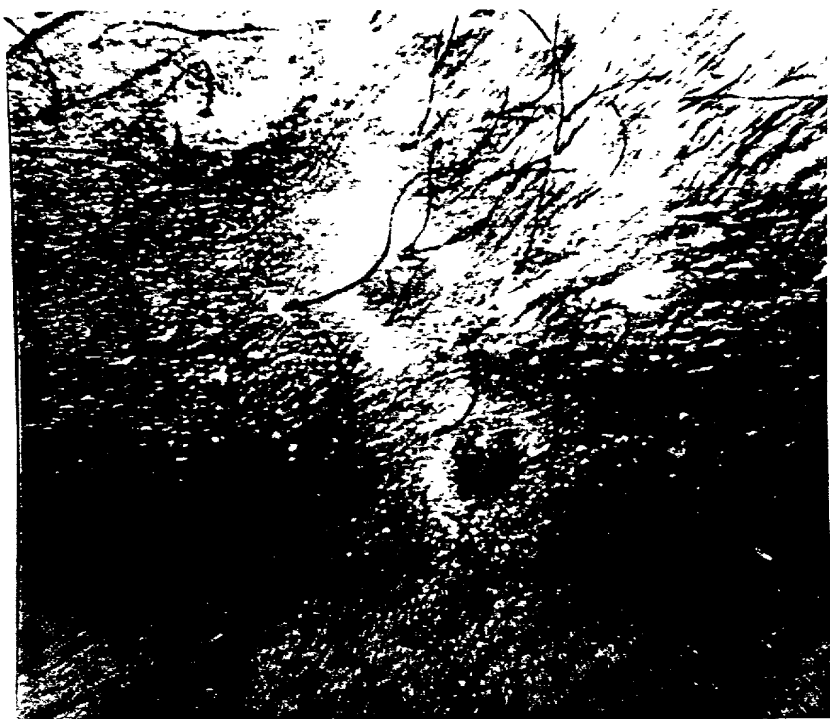


FIGURE 4B



**FIGURE 5A**



**FIGURE 5B**

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